§ 90.1205

(e) Documents obtained in the procurement, aging, maintenance, or testing process must be maintained as required in § 90.121.

§ 90.1205 In-use test program reporting requirements.

- (a) The manufacturer shall submit to the Administrator within ninety (90) days of completion of testing for a given model year's engines, all emission testing results generated from the voluntary in-use testing program. The following information must be reported for each test engine:
 - (1) Engine family;
 - (2) Model;
 - (3) Application;
 - (4) Engine serial number;
 - (5) Date of manufacture;
 - (6) Hours of use:
- (7) Date and time of each test attempt;
- (8) Results (if any) of each test attempt;
- (9) Schedules, descriptions and justifications of all maintenance and/or adjustments performed;
- (10) Schedules, descriptions and justifications of all modifications and/or repairs; and
- (11) A listing of any test engines that were deleted from the aging process or testing process and technical justifications to support the deletion.
- (b) All testing reports and requests for approvals made under this subpart shall be addressed to: Manager, Engine Compliance Programs Group (6403–J), U.S. Environmental Protection Agency, Washington, DC 20460.

§ 90.1206 [Reserved]

§ 90.1207 Entry and access.

- (a) To allow the Administrator to determine whether a manufacturer is complying with the provisions under this subpart, EPA enforcement officers or their authorized representatives, upon presentation of credentials, shall be permitted entry, during operating hours, into any of the following places:
- (1) Any facility where engines undergo or are undergoing aging, maintenance, repair, preparation for aging, selection for aging or emission testing.
- (2) Any facility where records or documents related to any of activities de-

scribed in paragraph (a)(1) of this section are kept.

- (3) Any facility where any engine that is being tested or aged, was tested or aged or will be tested or aged is present.
- (b) Upon admission to any facility referred to in paragraph (a) of this section, EPA enforcement officers or EPA authorized representatives are authorized to perform those activities set forth in § 90.705 (b) and also to inspect and make copies of records related to engine aging (service accumulation) and maintenance.
- (c) The provisions of §90.705(c), (d), (e), (f) and (g) also apply to entry and access under this subpart.

§§ 90.1208-90.1249 [Reserved]

PART 91—CONTROL OF EMISSIONS FROM MARINE SPARK-IGNITION ENGINES

Subpart A—General

Sec.

- 91.1 Applicability.
- 91.2 Applicable date.
- 91.3 Definitions.
- 91.4 Acronyms and abbreviations.
- 91.5 Table and figure numbering; position.
- 91.6 Reference materials.
- 91.7 Treatment of confidential information.

Subpart B—Emission Standards and Certification Provisions

- 91.101 Applicability.
- 91.102 Definitions.
- 91.103 Averaging, banking, and trading of exhaust emission credits.
- 91.104 Exhaust emission standards for outboard and personal watercraft engines.
- 91.105 Useful life period, recall, and warranty periods.
- 91.106 Certificate of conformity.
- 91.107 Application for certification.
- 91.108 Certification.
- 91.109 Requirement of certification—closed crankcase.
- 91.110 Requirement of certification—prohibited controls.
- ited controls.

 91.111 Requirement of certification—prohibition of defeat devices.
- 91.112 Requirement of certification—adjustable parameters.
- 91.113 Requirement of certification—emission control information label and engine identification number.
- 91.114 Requirement of certification—supplying production engines upon request.

- 91.115 Certification procedure—determining engine power and engine families.
- 91.116 Certification procedure—test engine selection.
- 91.117 Certification procedure—service accumulation.
- 91.118 Certification procedure—testing. 91.119 Certification procedure—use of special test procedures.
- 91.120 Compliance with Family Emission Limits over useful life.
- 91.121 Certification procedure-recordkeeping.
- 91.122 Amending the application and certificate of conformity.
- 91.123 Denial, revocation of certificate of conformity.
- 91.124 Request for hearing.
- 91.125 Hearing procedures
- 91.126 Right of entry and access.

Subpart C—Averaging, Banking, and **Trading Provisions**

- 91.201 Applicability.
- 91.202 Definitions.
- 91.203 General provisions.
- 91.204 Averaging.
- 91.205 Banking.
- 91.206 Trading.
- 91.207 Credit calculation and manufacturer compliance with emission standards.
- 91.208 Certification.
- 91.209 Maintenance of records.
- 91.210 End-of-year and final reports.
- 91.211 Notice of opportunity for hearing.

Subpart D—Emission Test Equipment **Provisions**

- 91.301 Scope; applicability.
- 91.302 Definitions.
- 91.303 Acronyms and abbreviations.
- 91.304 Test equipment overview.
- 91.305 Dynamometer specifications and calibration accuracy.
- 91.306 Dynamometer torque cell calibration.
- 91.307 Engine cooling system.
- Lubricating oil and test fuel.
- 91.309 Engine intake air temperature measurement.
- 91.310 Engine intake air humidity measurement.
- 91.311 Test conditions.
- 91.312 Analytical gases.
- 91.313 Analyzers required.
- 91.314 Analyzer accuracy and specifications.
- 91.315 Analyzer initial calibration.
- 91.316 Hydrocarbon analyzer calibration.
- 91.317 Carbon monoxide analyzer calibration.
- 91.318 Oxides of nitrogen analyzer calibration.
- 91.319 NO_X converter check.
- 91.320 Carbon dioxide analyzer calibration.
- 91.321 NDIR analyzer calibration.
- 91.322 Calibration of other equipment.

- 91.323 Analyzer bench checks.
- 91.324 Analyzer leakage check
- 91 325 Analyzer interference checks.
- Pre- and post-test analyzer calibra-91.326 tion.
- 91.327 Sampling system requirements.
- 91.328Measurement equipment accuracy/ calibration frequency table.
- 91.329 Catalyst thermal stress test.
- APPENDIX A TO SUBPART D OF PART 91-FIG-
- APPENDIX B TO SUBPART D OF PART 91-FIG-

Subpart E—Gaseous Exhaust Test **Procedures**

- 91.401 Scope; applicability.
- 91.402 Definitions.
- Symbols and abbreviations. 91 403
- 91 404 Test procedure overview.
- 91.405 Recorded information.
- 91.406 Engine parameters to be measured and recorded.
- 91.407 Engine inlet and exhaust systems. 91.408 Pre-test procedures.
- 91.409 Engine dynamometer test run.
- 91.410 Engine test cycle.
- Post-test analyzer procedures. 91.411
- 91.412 Data logging. 91.413 Exhaust sample procedure—gaseous components.
- 91.414 Raw gaseous exhaust sampling and analytical system description.
- 91.415 Raw gaseous sampling procedures.
- 91.416 Intake air flow measurement specifications.
- 91.417 Fuel flow measurement specifications.
- 91.418 Data evaluation for gaseous emissions.
- 91.419 Raw emission sampling calculations.
- 91.420 CVS concept of exhaust gas sampling system.
- 91.421 Dilute gaseous exhaust sampling and analytical system description.
- 91.423 Exhaust gas analytical system; CVS grab sample.
- 91.424 Dilute sampling procedure—CVS calibration.
- 91.425 CVS calibration frequency.
- 91.426 Dilute emission sampling calculations.
- 91.427 Catalyst thermal stress resistance evaluation.
- APPENDIX A TO SUBPART E OF PART 91—TA-BLES
- APPENDIX B TO SUBPART E OF PART 91—FIG-

Subpart F—Manufacturer Production Line **Testing Program**

- 91.501 Applicability.
- 91.502 Definitions.
- 91.503 Production line testing by the manufacturer.

40 CFR Ch. I (7-1-04 Edition)

Pt. 91

- 91.504 Maintenance of records: submittal of information.
- 91.505 Right of entry and access.
- 91.506 Engine sample selection.
- Test procedures. 91.507
- 91.508 Cumulative Sum (CumSum) procedure.
- 91.509 Calculation and reporting of test results.
- 91.510 Compliance with criteria for production line testing.
- 91.511 Suspension and revocation of certificates of conformity
- 91.512 Request for public hearing.
- 91.513 Administrative procedures for public hearing.
- 91.514 Hearing procedures.
- 91.515 Appeal of hearing decision.
- 91.516 Treatment of confidential information.

Subpart G—Selective Enforcement **Auditing Regulations**

- 91.601 Applicability.
- 91.602 Definitions.
- 91.603 Applicability of part 91, subpart F.
- 91.604 Test orders.
- 91.605 Testing by the Administrator. 91.606 Sample selection.
- Test procedures. 91.607
- 91.608 Compliance with acceptable quality level and passing and failing criteria for selective enforcement audits.
- APPENDIX A TO SUBPART G OF PART 91-SAM-PLING PLANS FOR SELECTIVE ENFORCE-MENT AUDITING OF MARINE ENGINES

Subpart H—Importation of Nonconforming **Marine Engines**

- 91.701 Applicability.
- 91.702 Definitions.
- 91.703 Admission.
- 91.704 Exemptions and exclusions.
- 91.705 Prohibited acts; penalties.
- 91.706 Treatment of confidential informa-

Subpart I—In-Use Testing and Recall Regulations

- 91.801 Applicability.
- 91.802 Definitions.
- Manufacturer in-use testing program. 91.803 91.804 Maintenance, procurement and test-
- ing of in-use engines. 91.805 In-use test program reporting re-
- quirements. 91.806 Voluntary emissions recall.

Subpart J-Emission-Related Defect Reporting Requirements, Voluntary Emission Recall Program

- 91.901 Applicability.
- 91.902 Definitions.

- 91.903 Applicability to part 85, subpart T.
- 91.904 Voluntary emission recall.
- 91.905 Reports, voluntary recall plan filing, record retention.
- 91.906 Responsibility under other legal provisions preserved.
- 91.907 Disclaimer of production warranty applicability.

Subpart K—Exclusion and Exemption of **Marine SI Engines**

- 91.1001 Applicability.
- 91.1002 Definitions.
- 91.1003 Exclusions based on section 216(10) of the Act.
- 91.1004 Who may request an exemption.
- 91.1005 Testing exemption.
- 91.1006 Manufacturer-owned exemption and precertification exemption.
- 91.1007 Display exemption.
- 91.1008 National security exemption.
- 91.1009 Export exemptions.
- 91.1010 Granting of exemptions.
- 91 1011 Submission of exemption requests.
- 91.1012 Treatment of confidential information.

Subpart L-Prohibited Acts and General **Enforcement Provisions**

- 91.1101 Applicability.
- 91.1102 Definitions.
- 91 1103 Prohibited acts.
- 91 1104 General enforcement provisions.
- 91.1105 Injunction proceedings for prohibited acts.
- 91.1106 Penalties.
- 91.1107 Warranty provisions.
- 91.1108 In-use compliance provisions.

Subpart M—Emission Warranty and **Maintenance Instructions**

- 91.1201 Applicability.
- 91.1202 Definitions.
- 91.1203 Emission warranty, warranty period.
- 91.1204 Furnishing of maintenance and use instructions to ultimate purchaser.

Subpart N—In-Use Credit Program for New **Marine Engines**

- 91.1301 Applicability.
- 91.1302 Definitions.
- 91.1303 General provisions.
- 91.1304Averaging.
- 91.1305 Banking. 91.1306
- Trading.
- 91.1307 Credit calculation.
- 91.1308Maintenance of records.
- 91.1309 Reporting requirements.
- Notice of opportunity for hearing.

AUTHORITY: 42 U.S.C. 7521, 7522, 7523, 7524, 7525, 7541, 7542, 7543, 7547, 7549, 7550, and 7601(a).

SOURCE: 61 FR 52102, Oct. 4, 1996, unless otherwise noted.

EFFECTIVE DATE NOTE: At 61 FR 52102, Oct. 4, 1996, part 91 was added, effective Dec. 3, 1996. This part contains information collection and recordkeeping requirements that will not become effective until approval has been given by the Office of Management and Budget.

Subpart A—General

§91.1 Applicability.

- (a) This part and all its subparts apply to marine spark-ignition engines used to propel marine vessels as defined in the General Provisions of the United States Code, 1 U.S.C.3 (1992), unless otherwise indicated.
- (b) Sterndrive and inboard engines are exempt from this part.
- (c) Existing technology OB/PWC are exempt from §91.112 and subparts D, E, F, G, I (§§ 91.803 through 91.805), J, M and N through model year 2003.

§91.2 Applicable date.

This part applies to marine spark-ignition engines beginning with the 1998 model year, except where otherwise specified.

§ 91.3 Definitions.

The following definitions apply to this part 91. All terms not defined herein have the meaning given them in the Act.

Act means the Clean Air Act, as amended, 42 U.S.C. 7401 et seq.

Adjustable parameter means any device, system, or element of design which is physically capable of being adjusted (including those which are difficult to access) and which, if adjusted, may affect emissions or engine performance during emission testing or normal in-use operation.

Administrator means the Administrator of the Environmental Protection Agency or his or her authorized representative.

Auxiliary emission control device means any element of design that senses temperature, engine speed, engine RPM, transmission gear, or any other parameter for the purpose of activating, modulating, delaying, or deactivating the operation of any part of the emission control system.

Certification means, with respect to new SI marine engines, obtaining a certificate of conformity for an engine family complying with the marine SI engine emission standards and requirements specified in this part.

Emission control system means any device, system, or element of design which controls or reduces the emission of substances from an engine.

Engine as used in this part, refers to marine SI engine.

Engine family means a group of engines, as specified in §91.115.

EPA enforcement officer means any officer, employee, or authorized representative of the U.S. Environmental Protection Agency so designated in writing by the Administrator (or by his or her designee).

Exhaust emissions means matter emitted into the atmosphere from any opening downstream from the exhaust port of a marine engine.

Existing technology OB/PWC means an outboard engine or a personal watercraft engine which was in production for the 1997 or any previous model years and that did not utilize newer technologies such as four-stroke technology, direct-injection two-stroke technology, catalyst technology, or other technology used to comply with emission standards which the Administrator determines is a new type of OB/PWC technology.

Family Emission Limit (FEL) means an emission level that is declared by the manufacturer to serve in lieu of an emission standard for certification and for the averaging, banking, and trading program. A FEL must be expressed to the same number of decimal places as the applicable emission standard.

Fuel system means all components involved in the transport, metering, and mixture of the fuel from the fuel tank to the combustion chamber(s) including the following: Fuel tank, fuel tank cap, fuel pump, fuel lines, oil injection metering system, carburetor or fuel injection components, and all fuel system vents.

Gross power means the power measured at the crankshaft or its equivalent (for outboards, the power may be measured at the propeller shaft), the engine being equipped only with the standard accessories (such as oil